

Rabbit L1CAM Polyclonal Antibody | anti-L1CAM antibody

L1CAM Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287961	Rabbit	Human, mouse (Predicted Reactivity: Rat)	ELISA, Western Blot

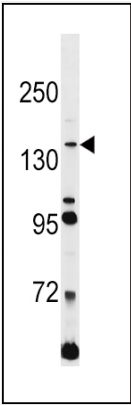
PRODUCT SYNONYMS

L1CAM; Polyclonal Antibody; L1CAM Antibody (C-term); Neural cell adhesion molecule L1; N-CAM-L1; NCAM-L1; CD171; CAML1; MIC5; anti-L1CAM antibody

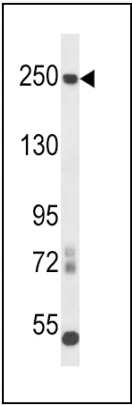
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This L1CAM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1154-1182 amino acids from the C-terminal region of human L1CAM.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1154-1182
Sequence Length	1257
Applicable Applications for anti-L1CAM antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
L1CAM Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the L1CAM antibody detected the L1CAM protein (arrow).



WB (Western Blot)
L1CAM Antibody (C-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the L1CAM antibody detected the L1CAM protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-L1CAM antibody	L1CAM is an axonal glycoprotein belonging to the immunoglobulin supergene family. The ectodomain, consisting of several immunoglobulin-like domains and fibronectin-like repeats (type III), is linked via a single transmembrane sequence to a conserved cytoplasmic domain. This cell adhesion molecule plays an important role in nervous system development, including neuronal migration and differentiation. Mutations in the gene cause three X-linked neurological syndromes known by the acronym CRASH (corpus callosum hypoplasia, retardation, aphasia, spastic paraplegia and hydrocephalus). Alternative splicing of a neuron-specific exon is thought to be functionally relevant.
Product Categories/Family for anti-L1CAM antibody	Neuroscience; Signal Transduction
References	Schafer, M.K., et al. FEBS Lett. 584(21):4475-4480(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Bertolin, C., et al. J. Neurol. Sci. 294 (1-2), 124-126 (2010) : Schafer, M.K., et al. Cell. Mol. Life Sci. 67(14):2425-2437(2010) Gavert, N., et al. J. Cell. Sci. 123 (PT 12), 2135-2143 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557707
NCBI GeneID	3897
NCBI Accession #	NP_000416.1 ; NP_001137435.1 ; NP_001265045.1 ; NP_076493.1
NCBI GenBank Nucleotide #	NM_000425.4
UniProt Accession #	P32004 ; Q8TA87 ; A0AV65 ; A4ZYW4 ; B2RMU7 ; G3XAF4
Molecular Weight	140003
NCBI Official Full Name	neural cell adhesion molecule L1 isoform 1
NCBI Official Synonym Full Names	L1 cell adhesion molecule
NCBI Official Symbol	L1CAM
NCBI Official Synonym Symbols	S10; HSAS; MASA; MIC5; SPG1; CAML1; CD171; HSAS1; N-CAML1; NCAM-L1; N-CAM-L1

NCBI Protein Information	neural cell adhesion molecule L1
UniProt Protein Name	Neural cell adhesion molecule L1
UniProt Gene Name	L1CAM
UniProt Synonym Gene Names	CAML1; MIC5; N-CAM-L1; NCAM-L1
UniProt Entry Name	L1CAM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/l1cam-antibody-western-blot-elisa/287961>